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graph TD
    RT1[REMOTE TERMINAL 150] -- "PRODUCT DATA, PROGRAM DATA" --> CC[CENTRAL CONTROLLER 110]
    RT2[REMOTE TERMINAL 150] -- "PRODUCT DATA, PROGRAM DATA" --> CC
    RT3[REMOTE TERMINAL 150] -- "PRODUCT DATA, PROGRAM DATA" --> CC
    OT1[OPERATOR TERMINAL 140] -- "PRODUCT REQUEST & DESCRIPTION" --> CC
    OT2[OPERATOR TERMINAL 140] <--> CC
    OT3[OPERATOR TERMINAL 140] -- "PRODUCT ID & INFORMATION" --> CC
    CC -- "PRODUCT ORDER" --> VF[VENDOR FACILITY 160]
    VF -- "PRODUCT" --> VI[VIEWER INTERFACE 120]
    VI -- "PRODUCT REQUEST" --> OT2
    IVRU[IVRU 130] -- "PRODUCT REQUEST" --> CC
    CC -- "PRODUCT DATA, PROGRAM DATA" --> IVRU
  
```

FIG. 1

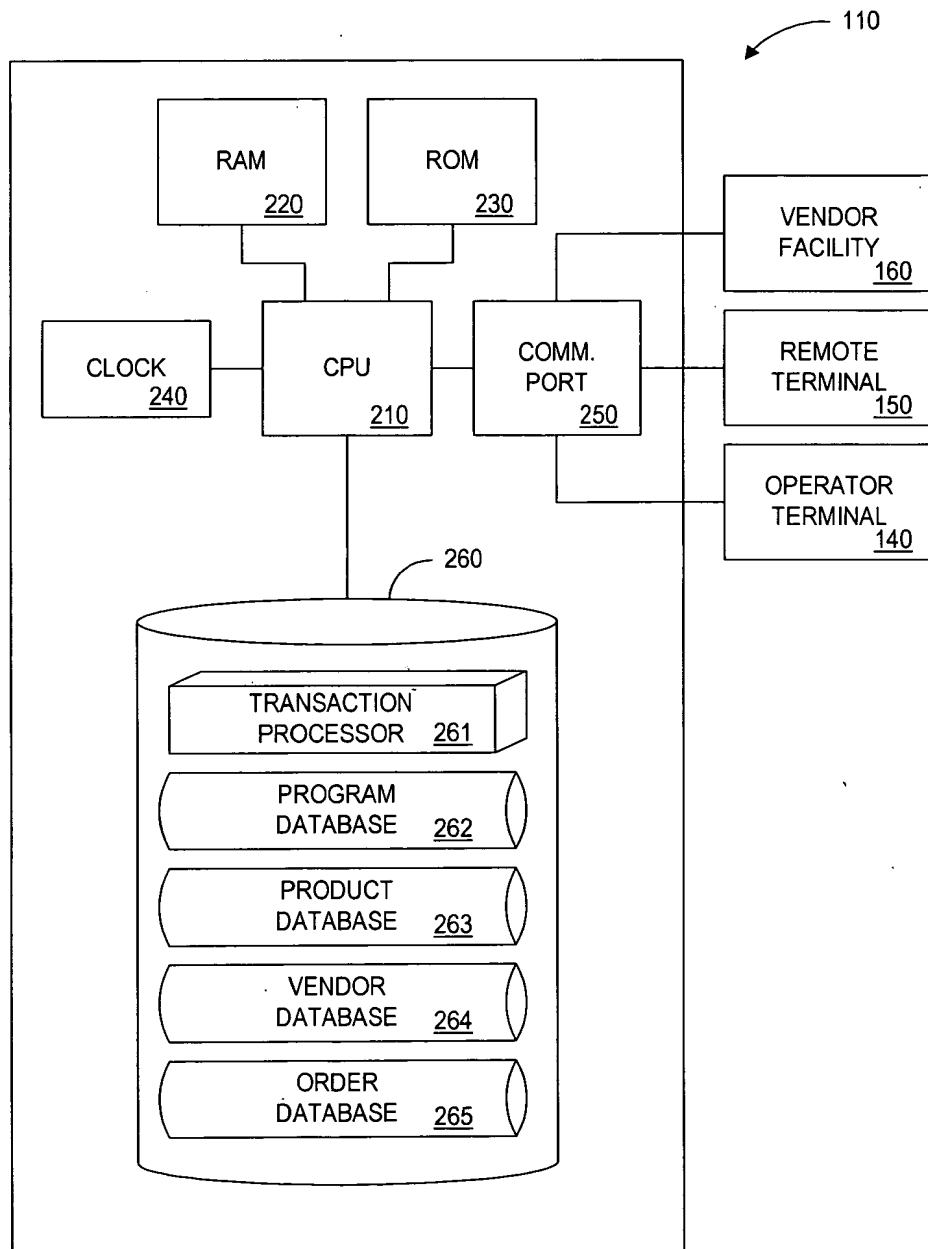


FIG. 2

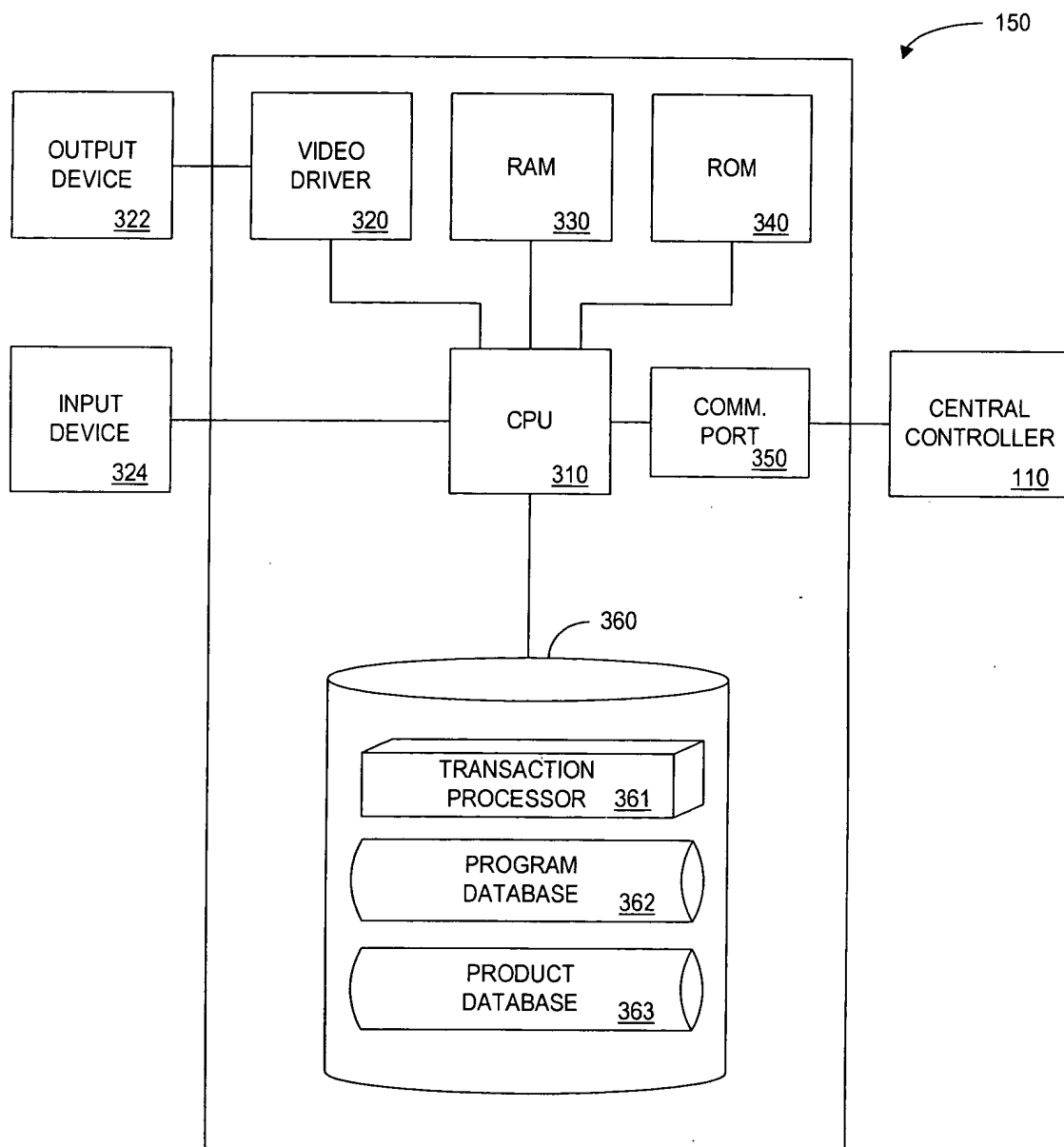


FIG. 3

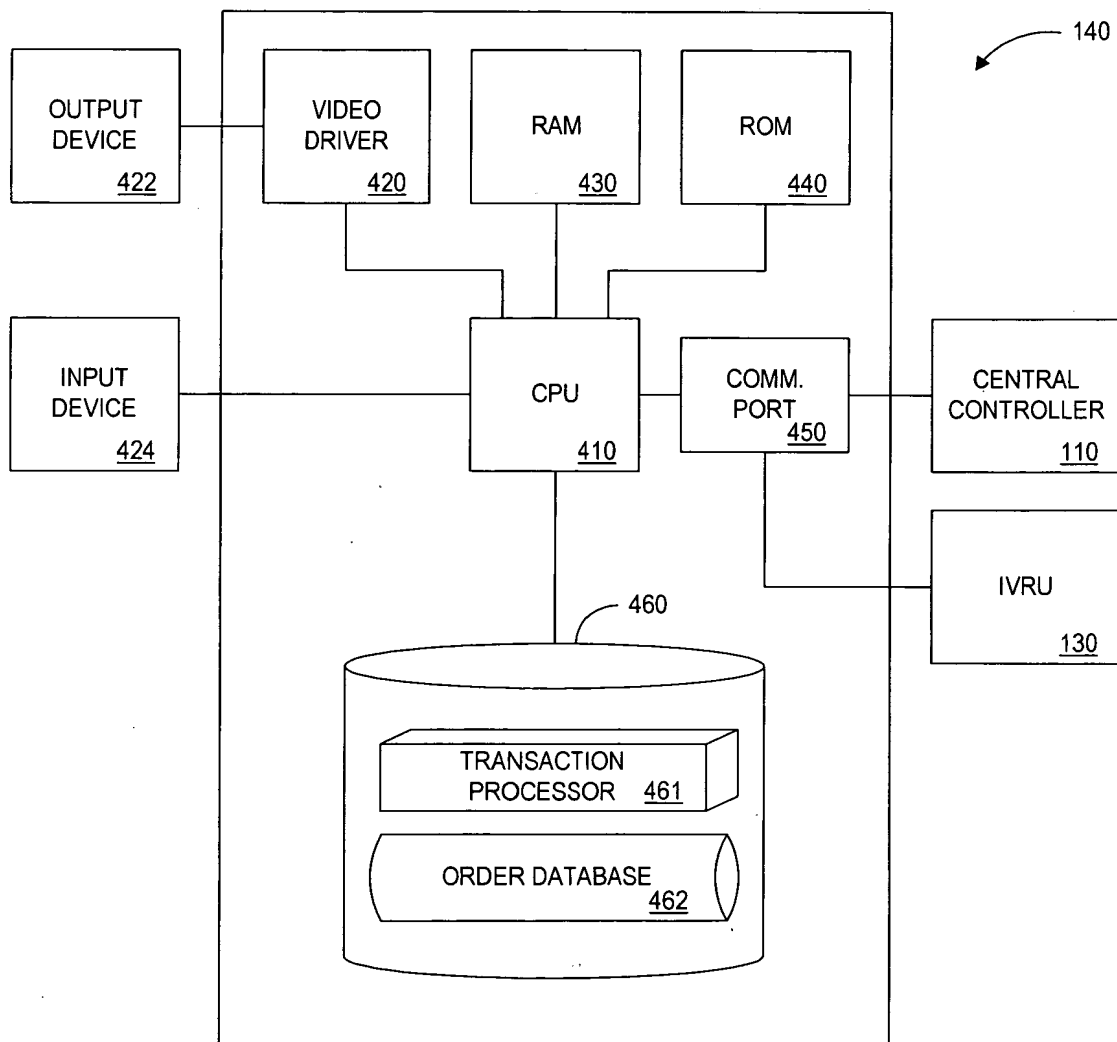


FIG. 4

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

PROGRAM RECORD NUMBER	PROP TYPE	PROGRAM IDENTIFYING DATA	PROP IDENTIFYING DATA	PRODUCT DESCRIPTION	VENDOR	PRODUCT COST	AVAILABILITY	TIME CODE
<u>610</u>	<u>615</u>	<u>620</u>	<u>625</u>	<u>630</u>	<u>635</u>	<u>640</u>	<u>645</u>	<u>650</u>
JS-112	CLOTHING	JERRY SPILLED COFFEE ON IT	KRAMER'S DARK BLUE SUIT	DOUBLE BREADED PIN STRIPE	ARMANI	\$800 PER SUIT	UNLIMITED	8:37 TO 8:39
SOYR-234	FURNITURE	LEAD CHARACTER FELL OVER THIS COUCH	BLACK COUCH IN HOTEL ROOM	5 FT. BLACK LEATHER LOVE SEAT	HUFFMAN KOOS	\$12,000 PER UNIT	300	9:12 TO 9:16
PGA-43X	SPORTING GOODS	TIGER WOODS TOOK FIRST	CLUB THAT WOODS TOSSED IN THE AIR	BIG BERTHA 1 WOOD DRIVER	CALLOWAY	\$250 PER CLUB	UNLIMITED	10:05 TO 10:06 & 10:08 TO 10:12

FIG. 6

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VENDOR	VENDOR IDENTIFICATION NUMBER	PRODUCTS	LOCATION	PREFERRED PAYMENT
710 CALLOWAY, INC.	715 SALESMAN A	720 BIG BERTHA GOLF CLUBS	725 LOS ANGELES, CA	730 VISA / MC
HUFFMAN KOOS	SALESMAN B	FURNITURE	REGIONAL	AMERICAN EXPRESS
BROOKS BROTHERS	SALESMAN C	CLOTHING	NEW YORK, NY	DISCOVER / AMEX

FIG. 7

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

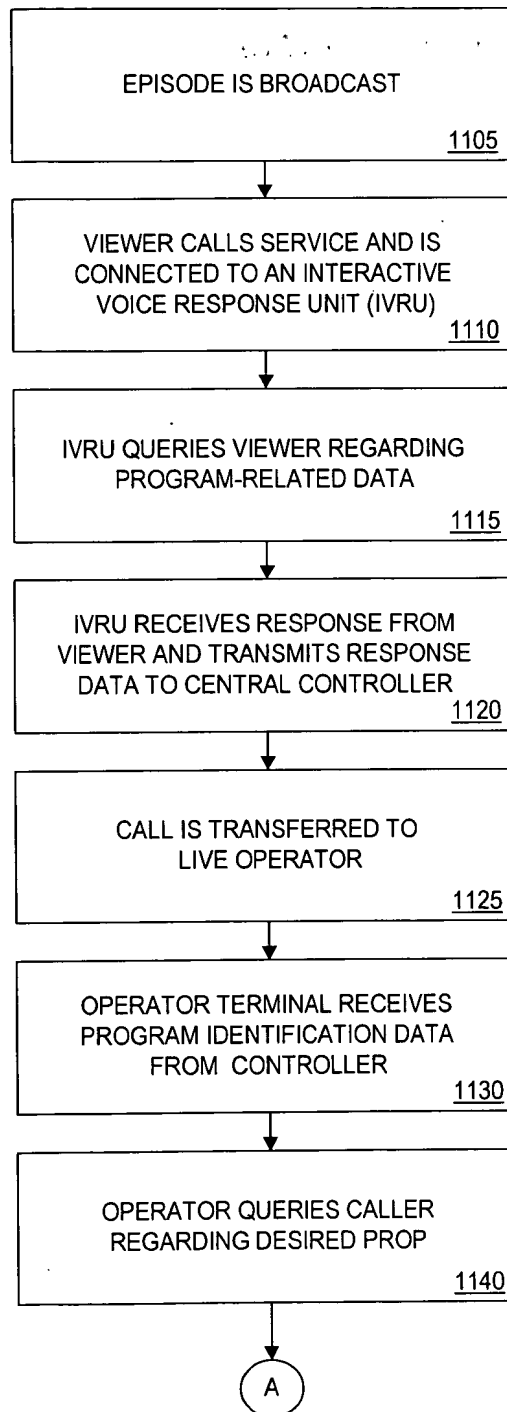
VIEWER NAME	VIEWER ADDRESS	ORDER TRACKING NUMBER	ORDER DATE	ORDER AMOUNT	PRODUCT ORDERED	PRODUCT ID NUMBER	PAYMENT DATA	SHIPPING DATA	VENDOR USED
<u>810</u>	<u>815</u>	<u>820</u>	<u>825</u>	<u>830</u>	<u>835</u>	<u>840</u>	<u>845</u>	<u>850</u>	<u>855</u>
CALLER A	111 ABC ST...	123A-4X	12/12/96	\$450.00	GOLF CLUBS	423-A	AMEX NO. 123455-76...	OUT: 12/13 REC: 12/23	CALLOWAY
CALLER B	222 CBA ST...	133A-4X	12/12/96	\$59.99	COUCH	678-G	VISA / MC NO.23457...	OUT: 12/13 REC: NO	HUFFMAN KOOS
CALLER C	333 BCA ST...	134A-5X	12/13/96	\$1,023.00	SUIT	456-V	DISCOVER NO. 3445-67	OUT: 12/15 REC: NO	BROOKS BROTHERS

FIG. 8


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graph TD
    1010[CENTRAL CONTROLLER RECEIVES  
DATA FROM REMOTE TERMINAL] --> 1020[CONTROLLER'S CENTRAL PROCESSING  
UNIT (CPU) PROCESSES DATA AND  
ACCESSES DATABASES FROM DATA  
STORAGE DEVICE]
    1020 --> 1030[CONTROLLER MERGES RECEIVED  
DATA WITH DATA IN CONTROLLER  
DATABASES]
    1030 --> 1040[CONTROLLER ASSIGNS RECORD  
NUMBER TO A NEW DATA FILE]
    1040 --> 1050[TRANSACTION COMPLETED  
AND DATA IS INDEXED]
  
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FIG. 10



TO FIG. 11B

FIG. 11A

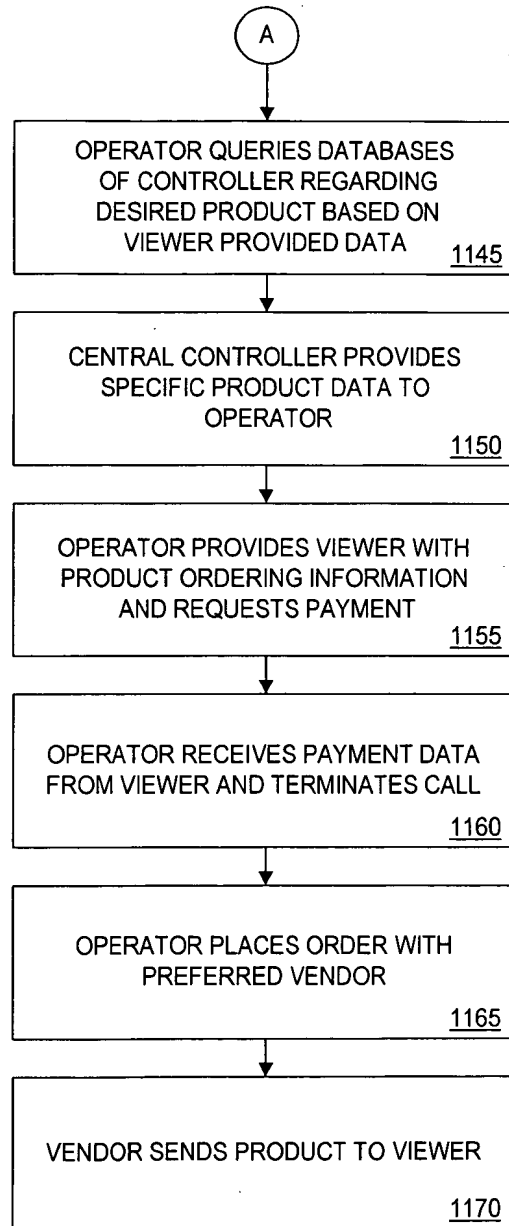


FIG. 11B